Microsystems Technology Office Overview:
Background Info for PM Candidates

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2007

- **Idea Generator**
- **Technical Expert**
- **Entrepreneur**
- **Passion for Drive Leading Edge Technology**
- **National Service**

~*~DARPA Hires Program Managers for their Program Ideas ~*~

… if you have interest, formulate your program ideas along the lines of the following charts and contact the Office Director at: john.zolper@darpa.mil

The Following Slides are a template for you briefing to MTO
These will be a helpful guideline for the construction of your presentation

Program Name

Name

Contact info

- **Who are you?**
- **What is your technical background?**
- **What key work have you done in the field?**
- **Recognition within the technical community**
- **Key awards**

- **What are you trying to accomplish?**

- **A diagram of what you plan on doing.**

- **Develop a performance trade space (e.g. power versus speed; MOPS/cm^2 versus watts) and show current SOA and where your program will take it**

- **How do you plan to accomplish the new capability**

- **What new results suggest this is possible**

- **Analysis of required performance**

- **Breakdown the end product into key technical challenges that need to be overcome**

- **Quantify current performance and the final performance required to meet the complete program goals**

- **Include visuals or graphics where possible**

- **If this is successful, what difference will it make**

- **How will this new technology impact system performance (quantify this)**

- **Who in the DoD will care?**

- **Are there commercial applications?**

- **Estimate how long it will take**

- **Break the overall program into phases with key performance metrics at the end of each phase**

Heilmeier's Catechism

PRIMARY

- What are you trying to accomplish?

- How is it done now, and with what limitations?

- What is truly new in your approach which will remove current limitations and improve performance? How much will performance improve?

- If successful, what difference will it make?

- What are the mid-term, final exams or full scale applications required to prove your hypothesis? When will they be done?

SECONDARY

- How could this transition to the end user? (usually DoD)

- How much will it cost?